

To: Andrews - DNR, David[david.andrews@state.co.us]
From: Pfeiffer, Tricia
Sent: Mon 12/9/2013 6:25:52 PM
Subject: FW: BRACKEN - West Divide Creek UPDATE - 08-23-13

Hey David,

Hope you had a great weekend and survived the cold weather. In hindsight I should have cc'd you on this email (see email chain below).

Thanks,
Tricia

Tricia Pfeiffer
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US EPA Region 8 Watershed & Aquifer Protection Unit
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<http://www.epa.gov/region8/ecosystems/>

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-----Original Message-----

From: Pfeiffer, Tricia
Sent: Friday, November 22, 2013 1:04 PM
To: 'Lisa Bracken'
Cc: Oberley, Gregory; Beeler, Cindy
Subject: RE: BRACKEN - West Divide Creek UPDATE - 08-23-13

Hey Lisa,

Thanks for your call the other day. I did receive this email and have followed up on the venting concern you are describing below. Recently, the COGCC uploaded documents to their website that summarizes the annual bradenhead tests that are being required. You can find these results on COGCC's website at:

LIBRARY => Area Reports/Data - Piceance Basin => Bradenhead Monitoring Area => Buzzard, Mamm Creek, and Rulison Bradenhead Monitoring Area.

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-----Original Message-----

From: Lisa Bracken [Ex. 6 - Personal Privacy]
Sent: Friday, August 23, 2013 9:36 AM
To: Pfeiffer, Tricia
Subject: BRACKEN - West Divide Creek UPDATE - 08-23-13

Hi Tricia,

I wanted to give you an update, since it's been quite a while since we've touched base...

There has been a short flurry of activity here in the past couple of months relative to apparent work being done on a few of the pads in the area: Schwartz; Twin Creeks (one of the pads to the North), and Twin Creeks (the newest one drilling under/into the main seep area).

It is unclear to me why workover rigs are being brought in. However, I was informed by Kirby Wynn (GarCO OG Liaison) that the Schwartz activity had something to do with replacing a packer - at least that's what I think he called it. He said Dave Andrews had called to inform him). I received no such information on any of the Twin Creeks work. On two of the pads there appeared to be some type of casing involved (suspended from rig). It is so difficult to speculate with my limited knowledge of workover procedures and no information as to EnCana's plans, but, certainly, anytime there has been this type of geo/time-clustered activity it is usually associated with an attempt to remediate a problem which has 1) already impacted the creek 2) impacts it during the work performed, or 3) will eventually impact it after the work is performed...

Just wanted to give you a head's up. Perhaps you can gain some insight into the work being done, and why.

Also - on air quality issues. We now have about 80 active wells within about a mile of our home, many of which are openly venting raw gas (and, of course, all of its associated constituents) into the air around us. The COGCC is allowing these wells to be vented in perpetuity without benefit of air quality monitoring - or even worse, any indication to how much gas is being vented. The COGCC refuses to require gauging of the individual well releases, so we have no way of knowing the aggregate release or potential health impacts. During inversions or even still- wind days, we experience high hydrocarbon odors. The Battlement Mesa Health Impact Study has shown these types of emissions to be of serious concern, so obviously, we are worried about exposure hazards... particularly without apparent regulation or oversight. Perhaps you could let me know who best to contact at the EPA on this issue - if the EPA has any jurisdiction at all.

Thanks so much for your continued assistance,

Best, Lisa Bracken